### 2012 JUL 11 AM 8: 27

### BUREAU OF PUBLIC WATER SUPPLY

## CALENDAR YEAR 2011 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

<del></del>
City Dublic Water Supply Name
Public Water Supply Name
630004
List PWS ID #s for all Water Systems Covered by this CCR
Votes Act requires each community public water system to develo

The Federal Safe Drinking Water Act requires each *community* public water system to develop and distribute a consumer confidence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.

### Please Answer the Following Questions Regarding the Consumer Confidence Report

X	Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)
	Advertisement in local paper  On water bills Other
	Date customers were informed: $\frac{D\phi / 2//201}{2}$
	CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:
	Date Mailed/Distributed://
×	Name of Newspaper: Atlach Copy of published CCR or proof of publication)  Date Published: 06/21/2012
	CCR was posted in public places. (Attach list of locations)
	Date Posted: / /
	CCR was posted on a publicly accessible internet site at the address: www

### **CERTIFICATION**

I hereby certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in the form and manner identified above. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the public water system officials by the Mississippi State Department of Health, Bureau of Public Water Supply.

Name/Title (President, Mayor, Owner, etc.)

06/26/12. Date

Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215 Phone: 601-576-7518

# CITY OF ROLLING FORK 2011 ANNUAL DRINKING WATER QUALITY REPORT PWS ID# 0630004 CITY OF ROLLING FORK PECCIVED-WATER SUPPLY AM 8: 27

The City of Rolling Fork wants to keep you informed about the water and services we deliver to you. For this very reason, we are pleased to provide you with this year's annual water quality report. Our goal is and has always been to provide to you a safe, adequate, and dependable supply of drinking water. We at the City of Rolling Fork work hard to provide safe, quality water to every tap on the system. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life, and our children's future.

Our water source consists of three wells pumping from the Sparta Sand Aquifer System from depths exceeding 1000 feet. Last year we conducted tests for over 80 contaminants, detecting only 6, none of which exceeded drinking water standards. This report is a snap-shot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies.

Our source water assessment is complete. Two of our wells were ranked LOWER; one was ranked MODERATE in terms of susceptibility to contamination. As required by the Safe Drinking Water Act copies of the source water assessment and of this CCR report are available upon request at City Hall. We want you to be informed about your water and our City. If you want to learn more, please attend any of the City Board meetings. They are held on the first and third Tuesdays of each month, starting at 4:00 pm at City Hall. Should you have questions or comments about this water quality report, please contact Mark Pressgrove at (866) 945-2782.

### **Educational Information**

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as people with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with **HIV/AIDS** or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791). The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm-water runoff, and septic systems; contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

The table below lists all of the drinking water contaminants that we detected for the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2010. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data, though representative of the water quality, may be more than one year old. In this table you will find terms and abbreviations you might not be familiar with. To better understand these we've provided the following definitions:

MCLG-Maximum Contaminant Level Goal- The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLG's allow for a margin of safety.

**MCL-Maximum Contaminant Level**- The highest level of a contaminant that is allowed in drinking water. MCL's are set as close to the MCLG's as feasible using the best available treatment technology.

**AL-Action Level-** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

RECEIVED-WATER SUPPLY

## CITY OF ROLLING FORK 2011 ANNUAL DRINKING WATER QUALITY REPORT / AM 8: 27 PWS ID# 0630004

MRDLG-Maximum Residual Disinfection Level Goal- The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLG's do not reflect the benefits of the use of disinfectants to control microbial contaminants.

**MRDL-Maximum Residual Disinfection Level**- The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Ppm- Parts per million or milligrams per liter (mg/L)

Ppb- Parts per billion or micrograms per liter (ug/L)

N/A- Not applicable

	MCLG MCL,AL, Range		nge									
Contaminants (units)	or <u>MRDLG</u>	or <u>MRDL</u>	Your <u>Water</u>	<u>Low</u>	<u>High</u>	Sample <u>Date</u>	Violation <u>YES/NO</u>					
<u>Disinfectants &amp; Disinfectant By-Products</u> (There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)												
(There is convincin	ng evidenc	e that additi	on of a dis	infectant	is neces	sary for co	ntrol of mici	obial contaminants.)				
Chlorine(asCL2) (ppm)	4	4	1.37	0.9	2.13	2010	NO	Water additive used to control microbes				
Haloacetic Acids (HAA5) (ppb)	N/A	60	0.00	N/A	N/A	2010	NO	By-product of drinking water chlorination				
TTHMs(Total Trihalomethanes) (ppb)	N/A	80	0.00	N/A	N/A	2010	NO	By-product of drinking water chlorination				
<b>Inorganic Conta</b>	minants											
Barium (ppm)	2	2	.004	0.003	0.004	2010	NO	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits				
Chromium (ppb)	100	100	.001	0.0005	.002	2010	NO	Discharge from steel and pulp mills; erosion of natural deposits				
Fluoride (ppm)	4	4	0.46	0.437	0.50	2010	NO	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories				

\*\*\*Additional information for Lead - If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. SouthWest Water Company is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to Safe Water Hotline the **Drinking** from available minimize exposure The Mississippi State Department of Health Public Health http://www.epa.gov/safewater/lead. Laboratory offers lead testing for \$10.00 per sample. Please contact 601-576-7582 if you wish to have your water tested.

Personally appeared before me, the undersigned Notary Public, Ray Mosby, Editor and Publisher of the Deer Creek Pilot, a newspaper printed and published in the City of Rolling Fork, said State and County, and having a general circulation therein, who makes oath that a certain legal notice, of which a true copy clipped from the Deer Creek Pilot, and attached hereto, was printed and published in the said Deer Creek Pilot consecutive times on the days and dates as follows,

DEER CREEK PILOT

EDITOR AND PUBLISHER

Sworn to before me, this 12 day of Suly 20/2

My Commission Expires\_

to wit:

18 (C) 18



#### By BONNIE COBLENTZ MSU Ag Communications

MISSISSIPPI STATE -June's frequent rains and cool nighttime temperatures seem custom-made for corn, and the result is optimistic farmers looking at a great

11

7

crop with tromendous yield potential,

Erick Larson, grain crops agronomist with the Mississippi State University Extension Service, said the crop is as much as 10 days early and looking good.

should be very beneficial and will hopefully lead to a more productive crop than we've seen in the last few years," Larson said

2007 is the record year

"W2've had a lot of fa- for corn in Mississippi; the steadily increasing with be vorable conditions lately that state averaged 148 bushels ter management over time of comperacre. The last two years have been hot and dry. and the state's average has been between 126 and 136 bushels an acre.

"Our yields have been

ter management over time and we may be able to pre-duce more than the 200 yields this year if favorable conditions continue." Larso said.

June is the most im portant month for com preduction, as the crop is in it reproductive stages. Eligitemporetures, especially a night, hinder grain fill an lead to low yields.

About 50 percent of the state's corn crop is itri-gated. Recent, regular rainacross much of the state have helped provide the nearly 2 inches of moisture cori needs each week in June. For irrigated fields, production cosis are lower and for dry land corn, the plants are get ting the moisture they need

at a critical time.

"Orting ample rainfall during June and having moderate temperatures are extremely important to corn productivity." Larson said "If these weather conditions hold through this month and carly life, our error united. early July, our crop outlook should be very good."

Recent severe weather.

meluding hail and high winds, has caused localized, severe damage in areas around the

state since May 20.
Etnie Flint, Extension ag-ronomic crops agent in Atala County, said his area dodged the recent wind damage but had problems with hall in one

20-square-mile area.
"We had to replant several hundred acres of sov-beans and cotton. The corn



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2011 Annual EtInking Water Quality Report City of Rolling Fork PWS#: 630004 & 630036 May 2012

We're precised to present to you this year's Annue, Quality Water Poport. This recent is designed to inform you about the quality water and sourt zers and designed to you want a warry day. Our acceptant goes is to provide you want a sofe and despindable supply of dislands water. We want you to undurstand the affords we make you continuely improve the water freatment precises and protect, our water recomment. We are committed to providing you with information bookuse informed austomates are our book adjusted. Our water source is from wells drawing from the Sparta Aquitier.

The source value assessment has been completed for our public water system to determine the overall susceptibility of its deficing water supply to sensity contribe sources of contamination. A into contaming detailed information on new the susceptibility determinations ware rade lists begin furnishes to our public water system and is assistable for viewing upon reduced. The write for the City of Rolling Pork have received tower to moderate

If you have any questions about his rejust or community your water utility, aloses contact Kennith Robans at 682,078,2314. We want our valued contamined to be informed about their water tilling. If you want is usern more, plants judy us at any of our requisity scheduled most impact the water tilling to the month at 400 PM at 350 Value 2 treet, folling Fort.

We couldn't movitor for constituents in your similar water according to Pedges and State laws. This table bolow lists at of the defining water according to Pedges and State laws. This table bolow lists at of the defining water containments that were detected suring the period of January 17 to December 3° 2011. In contex where monitoring watert acquired in 2011, the table reflects the model recent results, he writer laws to the first of the control of the control of the control of a similar of right control of the control of the control of a similar of right control of the control of the control of a similar of right control of the control of a similar of right control of the control of a similar of right control of the control of the control of a similar of right control of the control of t

in fills table you will find many terms and abbreviations you might not be familiar with. To have you believ understand them terms we've provided the following definitions:

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Maximum Commitment Level Goal (MCLG) - The "Goal"(MCLG) is the lavel of a commitment in drinking water below which there is no known an expectod risk to health. MCLGs allow for a margin of addity

Maximum Residual Disinfectani Level (MRDL) - The highest level of a disinfectant showed in drinking water. Those is convincing a sidence that edition of a disinfectant is necessary for convincing accommodate,

Meximum Residual Ciginfactant Lavar Gow (MRDLO) - The lavel of a denicing victor disinfactant below which there is no known or expected risk of health. MRDLOs do not reflect the banefits of the use of disinfactants to control microbial outtendments

Parks car million (apm) or Milligradia par blor (mgd) - one part par million remeaponds to one misuse in two years or a single pandy in \$10,000.

Parts per billion (spb) or Micrograms per liter - one bart per billion corresponds to one minute in 2,000 years, or a single penny in \$40,000 000.

PWS ID#	30004		X	EST RESU	LIS					
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Mass recent sample. No sample required for 2011.

\* Mast ment sample was tample required for 30.1.
\*\* Theories have to rentinate adjusted to the MS State Dept of Houlds's recommended level of 0.7 - 1.3 mg/s.
Mercolangular Contaminate:
(1) Tool Colligan, Colligans are backets that are naturally present in the conformant and are tool on an indicate that other, potentially-backets, become may be present Colligans were found in more samples than diseast and this was a wearing of potential problems.

We are required to monitor your consisting water for energic consistence on a monthly back. In September 2011 our system had 2 escaping content Coliform. In secreption with the Massissippi Department of Health, the expessery measures were taken to return the system to compliance are pleased to report that the re-samples were taken to our pleased.

if present, alloward levels of lead day betwee serious health groblems, expectally for pregnent woman and young children, Lead in orinking water a primarily from restantist and components content sometisted with service whose and home plumbing. Our water system is responsible for providing high quality distributions out control content in a vertey in allowards used in plumbing consonants. Which your water has been staged soon along for soveral hours, you can alrow the potential for read exposure by furthering your traps of 30 separates to a finishers before usage, water for drahleg or coloring. If you are contourned about lead in children water leading which was also served about lead in children water leading mathematical and easier your water that the control of the provided in the control of the contro

nearmont measure: commercial Levin Soot (AMDLS) — the favor of 3 contains water desinations became asset the benefits of the use of disinferming to control interests containing to

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\* Most repent months, No compile required for 2011.
\*\* Phornial Eval is controlly advanted to the AGS State Days of Handle's recommended level of 0.7 + 3.3 mg/l.
Memorating and Configurations.
(4) Total Colligion, Celliforms are biological than ore principle process in the coverament, and not itself as an indicator that offers, potentially harmeful, butterialized was a winding of judgment problems.

We are required to memor your conduing water for species constituents on a therithly basis. In September 2011 our system has 8 earnples conducting 1 toos Conform in cooperation with time Mississipp Department of Peably, the necessary measures were taken to return the system to compliance. We have to record their the re-deministry were taken for the compliance. We

If orisent, servated levels at least can cause actions health problems, expecially for pregnant women and young distorent least in distoring water in promoting from instellate and components associated with services lines and home purposes. Our water system is responsible for providing high quality calling the local control in variously of markerable test in planning controllers. When your water has been startly the several hours, you can call the potential for the potential for the several hours, you can be consequently pour water has been startly and to called the consequently water than the called the controllers. When your water has been startly and the called the calle

To comply with the "Regulation Governing Functioalism of Community Water Supplies", our water system is required to report certain results merkining to fluoration of secretary seems. The nearbest of months in the provides calendar year than was unique fundible sample results were within the estimation of C.1.5 ppm, was 9. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of C.7.5 ppm, was 8.6%.

All neutrons of deficiting visites are subject to potential contamination by cubalances that any naturally according or man made. These subplantees can be interested, inorganic or organic or expected to contaminate and read-coding substances. All attriving water, including potted visites may reasonably be expected to contain at least small amounts of some contamination. The protesses of contamination does not necessarily indicate that the valid posses a treation fact from information about contamination and contential health effects can be obtained by determinant and protection Agency's Safe Diffring Witter Holling at 1-800-425-4701.

Some poople may be more vulnerable to consummants in drinking water than the general population, limiting-compromised podents such as persons with respect undergoing drients/horsely, persons who have undergoine organ frameworks, people with HMZAIDS or other immune system depoteds, some existing, and install can be performed in a fact not introduce. These proofs should lank addice social drinking water from over health card-providers. BPAIDDG guidelines on appropriate morais to leasen the risk of intention by Chyptospecialism. But driver moraise contactionates are available, from the data bringing Water hotting 1,800 aze 4791.

The City of Redling Park works around the dock to provide top quality water to every tap. We see that all our obstances here us protect our water and are interested and interested our constances, sur way of the and our children's future.

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